

Fig. 1

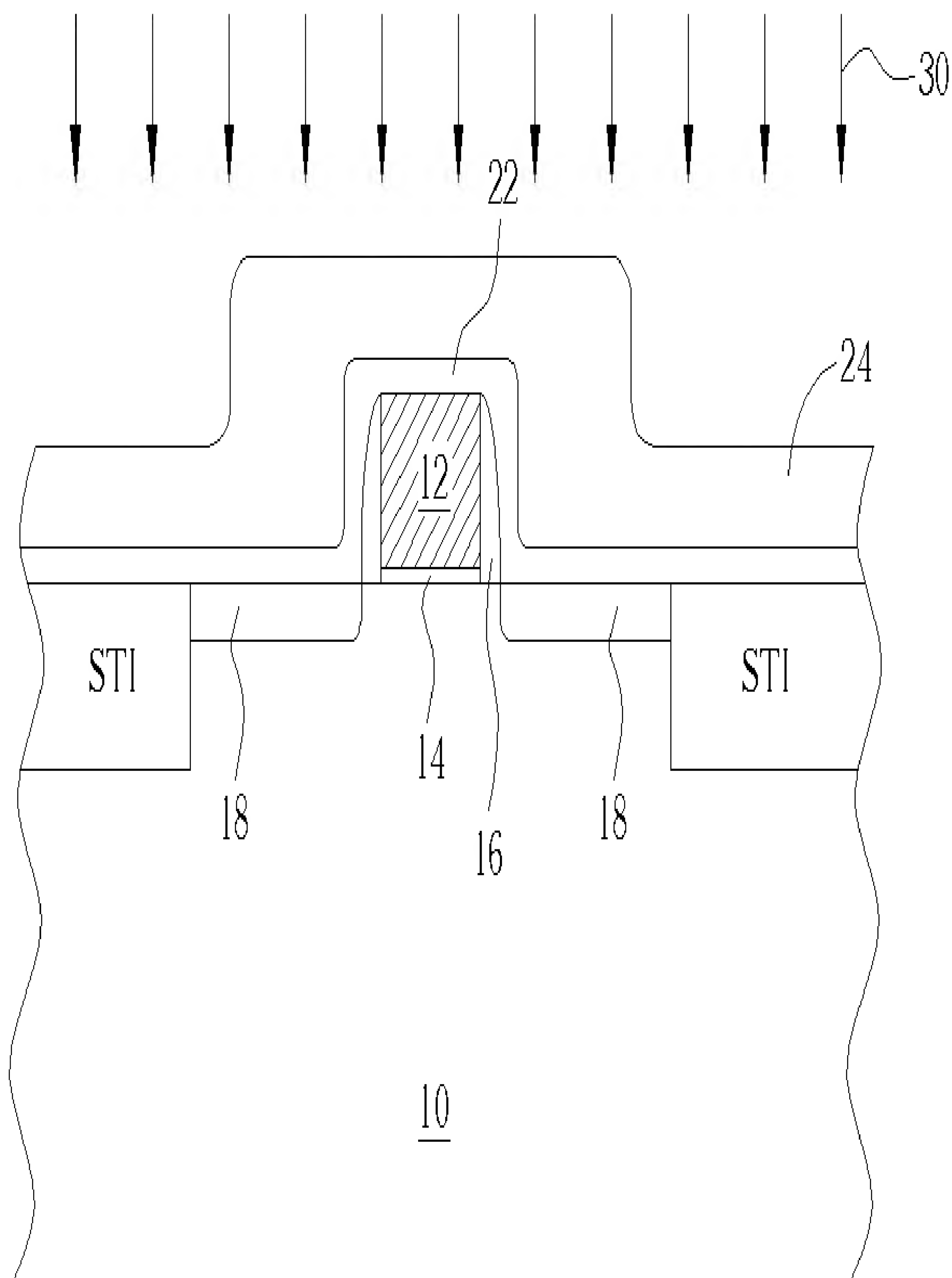


Fig. 2

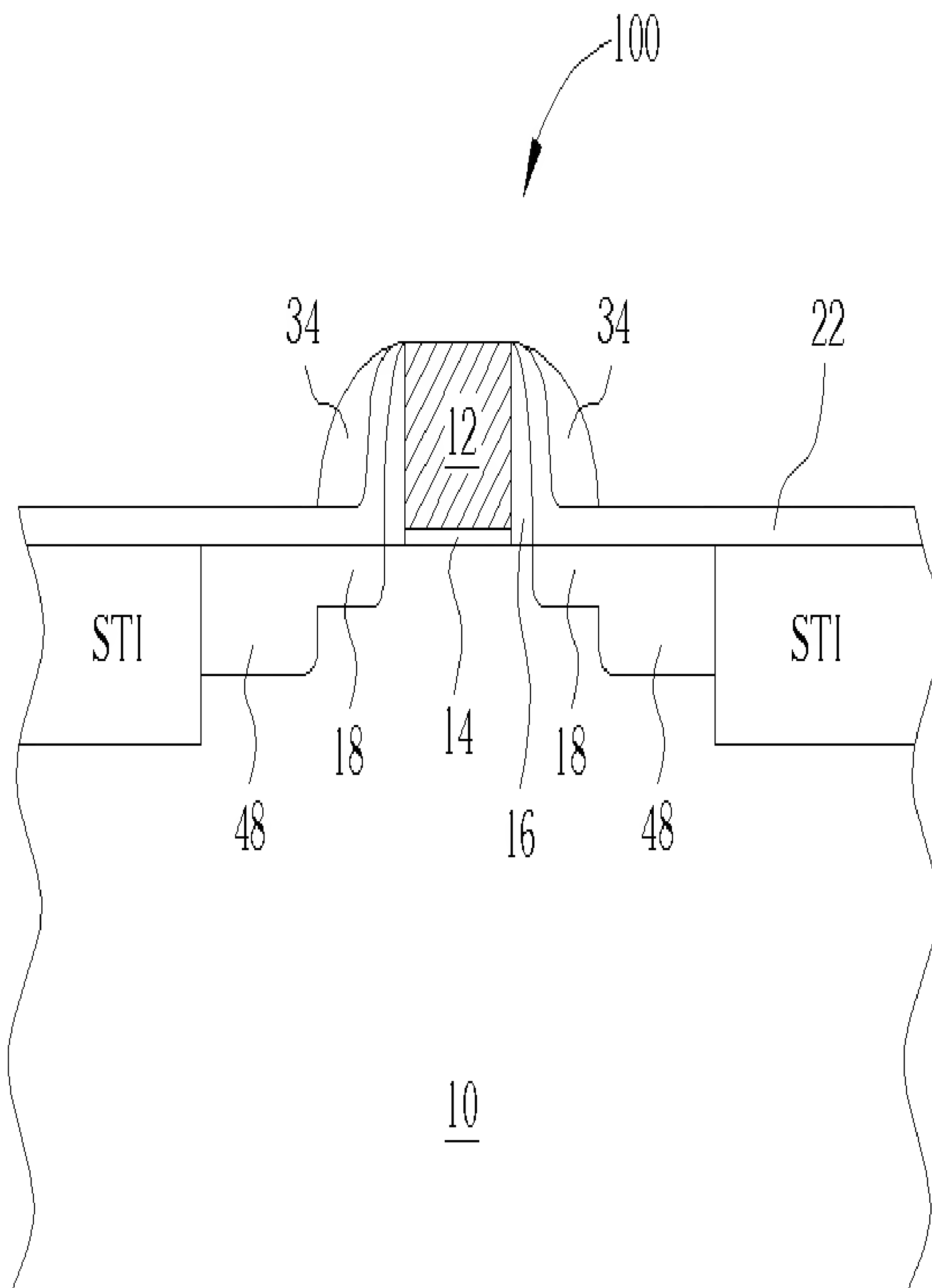


Fig. 3

| Implanted species | Energy(Kev) | Dose (atoms/cm2) | Projected range |
|-------------------|-------------|------------------|-----------------|
| Germanium(Ge) | 25~100 | 5E14~5E15 | 1/2 Rp~Rp |
| Xenon(Xe) | 35~100 | 2E14~5E14 | 1/2 Rp~Rp |

Fig. 4

| Implanted species | Energy (Kev) | Dose (atoms/cm2) | Stress (dyne/cm2) | Junction depth (nm) | Rs (ohm/sq) |
|-------------------|--------------|------------------|-------------------|---------------------|-------------|
| Germanium(Ge) | 25 | 1E 15 | 1.19E10 | 24 | 4634 |
| Germanium(Ge) | 50 | 1E 15 | 6.581E09 | 27 | 3969 |
| Germanium(Ge) | 100 | 5E 15 | -2.27E09 | 28 | 1787 |

Fig. 5